Index

Academic handicaps, 11
Achievement —
  of disadvantaged, 18
  expectation of, 88
Accounting technology, 110
Activity —
  with disadvantaged, 92
  in education, 115
  needed in curriculum, 89, 109
Adult, as an authority, 18
Age, of dropouts, 34
Agriculture technology, 109
Approval, need for, 88
Articulation, 15
Assembly line, 141
Attitudes, inner city students and teachers, 83
Authority, resentment of, 18
Automation, 141

Battery service, 133
Bearings, servicing, 132
Behavior —
  of disadvantaged, 17
  of youth, 60
Behavior objectives, 114
Brake system, 134
Building —
  codes, 179
  maintenance, 175
Businesses, in inner city, 57

Capital, as industry need, 142
Car —
  cleaning, 129
  components of, 130
Change —
  imminence of, 118
  need for educational, 70
  technological, 143
Charging system, 136
Church, inner city, 61
Communication, as youth need, 69
Communication technology, 109
Community, of culturally deprived, 56
Compensatory education, 77
Computers, service of, 117
Concrete work, 165
Construction —
  facilities for, 189
  industries, 160
  outline, 162
  technology, 108
  trends in, 176
Content, selecting and organizing, 95
Control —
  automatic, 141
  as industry element, 145
Cooling system, 134, 171
Costs, of education for services, 121
Court record, 24
Creativity, 115
Crime, 51
Cultural deprivation, 50
Culture, and intelligence, 65
Curriculum —
  and inner city child, 63
  planning for disadvantaged, 89
  process of development, 95
  source of discontent, 14
  and teacher, 75
Custom production, 141

Decision-making, as goal, 90
Defense mechanisms, of dropouts, 42
Delinquent behavior, 20
Design, and product service, 118
Destructive testing, 145
Development, and research, 144
Diploma, need for, 86
Disadvantaged, 11, 12, 15
  behavior of, 17

and change, 143
in construction, 161, 179
child, method of learning, 77
number of youth, 76
and societal "gap," 29
types of handicaps, 182
Discipline, as youth need, 69
Dope addiction, 51
Douglas Commission, 26
Drill, meaningful, 116
Dropouts, 13, 15, 26
characteristics, 34, 48
definition, 33
needs of, 37, 48
protrait of, 35
parents of, 32
problems of, 182
recent rates, 30
and societal "gap," 29
studies in preventing, 45
studies of, 40
teachers of, 85
Drug addiction, 24

Economic classification, 98
Economic deprivation, 50
Economy, and industry, 99
Education —
parents of disadvantaged, 16
as process, 115
as solution to social problems, 52
technology of, 107
Elementary grades, industrial arts in, 81
Employability, as goal, 86
Employment, of dropouts, 31
Engines —
auto, 136
service of small, 122
Environment —
constructed, 160
and intelligence, 65
Exhaust system, 133
Expectations, of disadvantaged, 88
Experiences, selecting and organizing learning, 95
Exterior finish, construction, 169

Facilities —
for activity programs, 185
for construction, 177
for manufacturing experience, 154
for product service training, 137
Families —
of culturally deprived, 53
changes, 24
of disadvantaged, 21
influence in inner city, 59
size and being disadvantaged, 16
Financial needs, meeting dropouts, 39
Finishing, 173
Flexibility, need of teacher for, 92
Form —
as economic utility, 104
as economic value factor, 100
Farm construction, 168
Fraternal lodges, in inner city, 61
Fuel system, 134

Gangs, 18
in inner city, 57
Gas engine maintenance course, 123
Gas station attendant course, 123
General shop —
manufacturing in, 155
use for disadvantaged, 186
Giftedness, identifying, 64
Goals —
of disadvantaged youth, 77, 87
for education of disadvantaged, 86
inner city youth, 67
Grade level, of dropouts, 34
Grade retardation, 13
Groups, as working/learning unit, 90
Guidance —
of dropouts, 42
need of inner city youth, 68
of potential dropouts, 45

Handicaps, nature of, 11
Heating systems, 171
Holding power, of schools, 26
Home —
of culturally deprived youth, 52
of dropouts, 35

Ignition system, 135
Illinois Project, 92
Industrial arts —
  as career development, 80
  purposes, 14
Industrial technology —
  as body of knowledge, 108
  elements, 110
Industry —
  elements of, 144
  essentials, 142
  families for industrial arts, 95, 102, 111
  nature of, 97, 111
  as societal institution, 101
  and technology, 96, 108
Information, as service, 122
Inner city —
  school facilities, 185
  industrial arts school in, 81
  slums, 140
  youth, 50
Insulation, 170
Integration, and inner city fears, 62
Intelligence, of inner city youth, 65
Interior finish, structures, 172
Interchangeability, 141
Island, service at station, 129

Jobs —
  for dropouts, 31
  influence on school leaving, 46
Juvenile delinquency, 51

Labor —
  as industry need, 142
  division of, 141
Labor relations, 176
Landscaping, 174
Leadership, as youth need, 69
Location, of training programs, 121
Loitering, 19
Loners, 59
Love, in inner city homes, 60
Lubrication procedure, 131

Malnutrition, 18
Management, in technology, 110
Manufacturing, 146
  as activity in class, 150
  facility for, 154, 188
  industries, 140
  technology, 108
Marital status, parents of disadvantaged, 17
Marketing technology, 110, 147
Masonry, 167
Mass production, 141
  experience, plan for, 150
Material —
  as industry need, 142
  change in form of, 100
Mechanical systems, structures, 170
Mental handicaps, 23
Migration, as cause of disadvantaged, 16
Mining technology, 109
Mobility, of families, 50
Mores, inner city, 61
Motivation, inner city youth, 67

Needs —
  in curriculum design, 95
  of inner city youth, 51
  for service industries, 121
Neighborhood, of disadvantaged, 21
Normality, 22

Objectives —
  in curriculum development, 95
  industrial arts, 113
Occupational education, 116
Occupations —
  in construction, 161
  of parents of disadvantaged, 17
Organizations, social-cultural in inner city, 61

Parents, education of deprived, 55
Parts, interchangeability, 141
Peer group —
  of dropouts, 36
  influence on youth, 59
People, service to, 122
Personnel management, 146

Pestalozzi school, 78
Physical handicaps, 11, 23
Place utility, 100
Planning, construction project, 163
Playgrounds, of ghettos, 57
Possession, as economic utility, 100
Poverty —
  as generator of disadvantaged, 15
  impact on school program, 64
Power, as school subject, 104
Practice, knowledge of, 107
Praxiology, and technology, 107
Pregnancy, 24
Privacy, of culturally deprived, 54
Product service, technology of, 108, 113
Production —
  control, 145
  as industrial arts activity, 104
  line, establishing, 155
  schemes of, 140
  in technology, 110
  tooling, 144
Productivity, 140
Project —
  group, 90
  in industrial arts, 79
  value of, 90
Project Beacon, 84

Quality control, 145

Race —
  of disadvantaged, 17
  and intelligence, 65
Racism, 51
Reading, and intelligence, 66
Reading level, of dropouts, 34, 37, 38
Reason, age of, 78
Recreation —
  of inner city family, 60
  as service, 120
Rejection, of authority, 18
Relevancy, of education, 71, 84
Religious prejudice, 51
Research and development, 144
Rural slums, 140

Sample, test of, 145
Schools —
  climate and dropouts, 42
  facilities for, 185
  inner city responsibility, 63
  interest of dropouts, 34
  in manufacturing unit, 148
  rejection by disadvantaged, 19
  reject disadvantaged, 21
  in slums, 76
Science, and technology, 106
Sensitivity, of teachers, 84, 184
Service industries, 113
  areas of, 122
  complexity of, 119
  facilities for teaching, 187
  nature of, 117
  types of, 120
Service station attendant, course for, 123, 126
Sex —
  of dropouts, 34
  in inner city, 62
Sexual promiscuity, 51
Shock absorber service, 132
Site, preparing, 165
Skill, as objective, 115
Slums, problems in, 183
Social deprivation, 50
Social problems, 51
Socialization needs, of dropouts, 39
Socio-economic handicaps, 11
Socio-economically deprived, 50
Specialist, in service, 117
Sputnik, compared with social revolution, 71
Standard Industrial Classification (SIC), 97
Standards, in inspection, 146
Starting system, 135
Storage, need for, 186

Teachers —
  attitude in inner city, 83
  backgrounds of, 79
  challenges to, 183
  for construction, 178

of disadvantaged, 75
need for understanding by, 93
regarded by disadvantaged, 88
reject disadvantaged, 21
training for disadvantaged, 11, 83
to work with dropout-prone youth, 43
Teaching —
disadvantaged, 92
and student interest, 14
Team teaching, 82, 110
Technology —
and industry, 96
nature of, 106
Technological change, 24, 143
Tire service, 131
Tooling, 144
Tools —
gas engine core, 124
service station, 129
Toys, in inner city, 58
Tradition, and inner city, 61
Transportation, as school subject, 104
Transportation technology, 110
Understanding —
as teacher need, 84
as youth need, 69
Unemployment, 51
Unit shop —
as facility for manufacturing, 115
use for disadvantaged, 186
Urban housing, 57

Values —
and behavior, 87
economic, 100
inner city, 61
Versatility, of facilities, 186
Vocational competence, of dropouts, 39

Welfare —
cost of, 32
and deprived, 55
Wiper service, 132
Withdrawal, by disadvantaged, 18
Wood-frame construction, 168

Youth, unemployed, 31